

Title (en)

Method and means for forming ceramic tiles

Title (de)

Verfahren und Vorrichtung zum Herstellen von keramischen Fliesen

Title (fr)

Méthode et dispositif pour la fabrication de carreaux en céramique

Publication

EP 0940234 A3 20000329 (EN)

Application

EP 99200471 A 19990218

Priority

IT RE980022 A 19980302

Abstract (en)

[origin: EP0940234A2] A machine for forming ceramic tiles by pressing in a mould, comprising a fixed lower base acting as a reaction base during pressing and having a horizontal bearing surface, a vertically movable member, and an upper die carried by the movable member to define the upper surface of the mould forming cavity, includes a flat lower element of sufficiently compression-resistant material resting on the bearing surface and movable on it to act as the lower surface of the mould cavity, a mould die plate positioned above said flat element to define the side walls of the mould cavity and movable vertically between a lower position in contact with the flat lower element and an upper position in which it is raised from the flat element to enable the formed tiles to pass below it, after each pressing operation said flat lower element being moved horizontally in combination with the raising of the die plate, to remove the formed tile. <IMAGE>

IPC 1-7

B28B 7/36; **B28B 3/02**; **B28B 13/06**; **B28B 13/02**

IPC 8 full level

B28B 3/02 (2006.01); **B28B 7/36** (2006.01); **B28B 13/06** (2006.01)

CPC (source: EP)

B28B 3/02 (2013.01); **B28B 5/021** (2013.01); **B28B 7/36** (2013.01); **B28B 13/023** (2013.01); **B28B 13/06** (2013.01)

Citation (search report)

- [XY] WO 9615888 A1 19960530 - CAMORANI CARLO ANTONIO [IT], et al
- [XA] DE 2242168 A1 19740307 - KRUPP GMBH
- [XPAP] WO 9823424 A2 19980604 - CAMORANI CARLO ANTONIO [IT], et al
- [XAY] FR 2688162 A1 19930910 - DEMLER SA [FR]
- [Y] DE 7504296 U 19750619
- [Y] US 3274309 A 19660920 - WALTER SCHREIECK
- [A] DE 2244449 A1 19740425 - FACHE HELMUT

Cited by

ITUD20120204A1; CN108858685A; CN111873166A; ES2217941A1; CN108995017A; CN113210553A; WO2020168684A1; WO2022257262A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0940234 A2 19990908; **EP 0940234 A3 20000329**; **EP 0940234 B1 20040428**; AT E265297 T1 20040515; DE 69916688 D1 20040603; DE 69916688 T2 20040923; ES 2216433 T3 20041016; IT 1303926 B1 20010301; IT RE980022 A1 19990902; PT 940234 E 20040930

DOCDB simple family (application)

EP 99200471 A 19990218; AT 99200471 T 19990218; DE 69916688 T 19990218; ES 99200471 T 19990218; IT RE980022 A 19980302; PT 99200471 T 19990218